+44 20 8123 2220
info@marketpublishers.com

China Smart Cities Market by ICT Components (Hardware, Software, Services), Segments (Smart Infrastructure, Smart Transportation, Video), Market Overview, Trends, Vendor Ecosystem Analysis, and Smart Cities Initiatives - Forecast to 2023

https://marketpublishers.com/r/CC797005A34EN.html
Date: February 2019
Pages: 164
Price: US$ 5,650.00 (Single User License)
ID: CC797005A34EN

Abstracts

“Increasing population, need for rapid urbanization, and governments’ initiatives are driving the overall growth of the China smart cities market”

The China smart cities market is projected to reach USD 59.9 billion by 2023 from USD 30.4 billion in 2018, at a Compound Annual Growth Rate (CAGR) of 14.5%. The China smart cities market is driven by various factors, such the increase in population, need for rapid urbanization, and governments’ investments and several policies to speed up the successful implementation and development of smart cities projects. Whereas, indigenous development policies of the country for foreign technology companies are the major restraints for the growth of the China smart cities market.

The smart infrastructure segment has the largest market share during the forecast period

The Government of China is supporting policies under the “Made in China 2025” initiative to assist industrial R&D and strive for Fifth Generation (5G) commercialization by 2020. The country is more intended toward implementing the 5G technology for a multitude of life-transforming applications, such as 3D video to immersive media, autonomous vehicles, and the enablement of smart cities with ultra-high data rates, enhanced capacity, and reduced latency. China is expecting to reach 576 million 5G connections by 2025, which covers almost 40% of the 5G connections globally. China’s telecommunication industry is dominated by China Mobile, China Unicom, and China

+44 20 8123 2220
info@marketpublishers.com

Telecom. These players are the initiators of the 5G technology and hold the largest subscriber base in China.

Another technology, i.e., cloud computing, is able to fulfill the need for rapid processing of massive data required during the construction of smart cities. It improves the computing capabilities and storage use by leveraging virtual technologies to perform dynamic allocation of computing requests. Cloud computing offers complete cybersecurity by monitoring and protecting the stored data. This technology is widely used across various sectors in smart cities, specifically in healthcare, insurance, and government.

The breakdown of the profiles of the primary participants is as follows:

By Company Type: Tier 1: 20%, Tier 2: 55%, and Tier 3: 25%

By Designation: C-level Executives: 45%, Directors: 36%, and Others: 19%

The major smart cities market in China solution providers include Advantech (China), Kontron (Germany), CRRC (China), Hollysys (China), Nari Technology (China), China Railway Electrification Engineering Group (China), Hikvision (China), Dahua Technology (China), and Seavo Technology (China). The study includes an in-depth competitive analysis of these key players in the smart cities market in China, along with their company profiles, recent developments, and key market strategies.

Research Coverage

The market study covers the smart cities market in China across various segments. It aims at estimating the market size and the growth potential of this market across different segments, such as smart transportation, smart infrastructure, and video. The study also includes an in-depth competitive analysis of the key players in the market, along with their company profiles, key observations related to their product and business offerings, recent developments, and key market strategies.

Key Benefits of Buying the Report

The report will help market leaders/new entrants in the China smart cities market with information on the closest approximations of the revenue numbers for the overall smart cities market in China and its subsegments. This report will help the stakeholders

+44 20 8123 2220
info@marketpublishers.com

understand the competitive landscape to gain more insights and better position their businesses and make suitable plans using the go-to-market strategies. The report will also help the stakeholders understand the pulse of the market and provide them with information on the key market drivers, restraints, challenges, and opportunities.

+44 20 8123 2220
info@marketpublishers.com

Contents

1 INTRODUCTION

1.1 OBJECTIVES OF THE STUDY
1.2 MARKET SCOPE
1.3 DEFINITIONS AND SCOPE
1.4 CURRENCY
1.5 LIMITATION
1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA
  2.1.1 KEY DATA FROM SECONDARY SOURCES
  2.1.2 KEY DATA FROM PRIMARY SOURCES
2.2 MARKET SIZE ESTIMATION: BOTTOM-UP AND TOP-DOWN APPROACH
2.3 VENDOR ANALYSIS MATRIX METHODOLOGY
  2.3.1 VENDOR INCLUSION CRITERIA
2.4 RESEARCH ASSUMPTIONS
2.5 SMART CITIES MARKET SIZING METHODOLOGY

3 PREMIUM INSIGHTS

3.1 EXECUTIVE SUMMARY
  3.1.1 MARKETING RECOMMENDATIONS
  3.1.2 PARTNER RECOMMENDATIONS
3.2 SMART CITIES DYNAMICS
3.3 CHINA GOVERNMENT FOCUS AND INVESTMENTS
3.4 GO-TO MARKET ASSESSMENT

4 MARKET OVERVIEW

4.1 MARKET DRIVERS
4.2 MARKET OPPORTUNITIES
4.3 MARKET CHALLENGES

5 MARKET SIZING

+44 20 8123 2220
info@marketpublishers.com

5.1 CHINA SMART CITIES MARKET
5.2 CHINA SMART CITIES MARKET - BY ICT COMPONENTS
5.3 CHINA SMART CITIES MARKET – BY VERTICALS
5.4 SMART INFRASTRUCTURE MARKET
5.4.1 SMART INFRASTRUCTURE MARKET: TRENDS
5.5 SMART TRANSPORTATION MARKET
5.5.1 SMART TRANSPORTATION MARKET: TRENDS
5.6 VIDEO MARKET
5.6.1 VIDEO MARKET: TRENDS

6 KEY SMART CITY INITIATIVES IN CHINA

6.1 BELT AND ROAD INITIATIVE
6.1.1 BELT AND ROAD INITIATIVE : OVERVIEW
6.1.2 BELT AND ROAD INITIATIVE : ECONOMIC CORRIDORS
6.1.3 BELT AND ROAD INITIATIVE : CHALLENGES
6.1.4 BELT AND ROAD INITIATIVE : KEY STAKEHOLDERS
6.2 HANGZHOU CITY BRAIN
6.2.1 HANGZHOU CITY BRAIN : OVERVIEW
6.2.2 HANGZHOU CITY BRAIN : FOCUS AREAS
6.2.3 HANGZHOU CITY BRAIN : ET CITY BRAIN: USE CASES
6.3 XIONG'AN SMART CITY
6.3.1 XIONG'AN SMART CITY : OVERVIEW
6.3.2 XIONG'AN SMART CITY : FOCUS AREAS
6.3.3 XIONG'AN SMART CITY : KEY STAKEHOLDERS
6.4 SMART SHANGHAI
6.4.1 SMART SHANGHAI : OVERVIEW
6.4.2 SMART SHANGHAI : PRIORITY FRAMEWORK
6.4.3 SMART SHANGHAI : FOCUS AREAS – SMART INFRASTRUCTURE
6.4.4 SMART SHANGHAI : FOCUS AREAS – SMART TRANSPORTATION
6.4.5 SMART SHANGHAI : FOCUS AREAS - GOVERNANCE
6.5 SMART TIANJIN
6.5.1 SMART TIANJIN : OVERVIEW
6.5.2 SMART TIANJIN : FOCUS AREAS – SMART TRANSPORTATION
6.5.3 SMART TIANJIN : FOCUS AREAS – SMART INFRASTRUCTURE
6.6 SMART YINCHUAN
6.6.1 SMART YINCHUAN : OVERVIEW
6.6.2 SMART YINCHUAN : FOCUS AREAS - SMART TRANSPORTATION
6.6.3 SMART YINCHUAN : FOCUS AREAS - SMART GOVERNANCE

+44 20 8123 2220
info@marketpublishers.com

6.6.4 SMART YINCHUAN : FOCUS AREAS - VIDEO
6.6.5 SMART YINCHUAN : FOCUS AREAS - ENVIRONMENTAL PROTECTION
6.6.6 SMART YINCHUAN : FOCUS AREAS - INDUSTRY PROMOTION
6.7 SMART SHENZHEN
6.7.1 SMART SHENZHEN : OVERVIEW
6.7.2 SMART SHENZHEN : FOCUS AREAS - SMART TRANSPORTATION
6.7.3 SMART SHENZHEN : FOCUS AREAS - SMART INFRASTRUCTURE
6.7.4 SMART SHENZHEN : FOCUS AREAS - SMART UTILITY
6.8 SMART GUANGZHOU
6.8.1 SMART GUANGZHOU : OVERVIEW
6.8.2 SMART GUANGZHOU : FOCUS AREA
6.8.3 SMART GUANGZHOU : FOCUS PROJECTS
6.9 NINGBO SMART CITY
6.9.1 NINGBO SMART CITY : OVERVIEW
6.9.2 NINGBO SMART CITY : FOCUS AREAS - SMART TRANSPORTATION
6.9.3 NINGBO SMART CITY : FOCUS PROJECTS
6.10 BEIJING SMART CITY
6.10.1 BEIJING SMART CITY : OVERVIEW
6.10.2 BEIJING SMART CITY : FOCUS AREA - SMART INFRASTRUCTURE
6.10.3 BEIJING SMART CITY : FOCUS AREA - VIDEO
6.10.4 BEIJING SMART CITY : FOCUS AREA – SMART TRANSPORTATION

7 COMPETITIVE LANDSCAPE

7.1 SMART CITY ECOSYSTEM
7.2 SMART CITY VENDOR ECOSYSTEM
7.2.1 VENDOR MARKET ASSESSMENT
7.2.2 KEY VENDORS IMPORTANT PARTNERSHIPS/INVESTMENTS
7.2.3 SMART TRANSPORTATION ECOSYSTEM
7.2.4 SMART INFRASTRUCTURE ECOSYSTEM
7.2.5 VIDEO ECOSYSTEM
7.3 GROWTH STRATEGY

8 COMPANY PROFILE

8.1 ADVANTECH
8.2 KONTRON
8.3 CRRC
8.4 HOLLYSYS

+44 20 8123 2220
info@marketpublishers.com

8.5 NARI TECHNOLOGY
8.6 CHINA RAILWAY ELECTRIFICATION ENGINEERING GROUP
8.7 HIKVISION
8.8 DAHUA TECHNOLOGY
8.9 SEAVO TECHNOLOGY

9 APPENDIX

9.1 MARKETSANDMARKETS KNOWLEDGE STORE: SNAPSHOT
9.2 OUR CUSTOM RESEARCH AND CONSULTING
9.3 LIST OF ABBREVIATIONS
9.4 RELATED REPORTS
9.5 DISCLAIMER

+44 20 8123 2220
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1 KEY DATA FROM SECONDARY SOURCES
Table 2 KEY DATA FROM PRIMARY SOURCES
Table 3 RESEARCH ASSUMPTIONS
Table 4 POPULATION VS. PILOT ASSESSEMENT FOR 2025
Table 5 CHINA SMART CITIES MARKET 2018–2023 (USD BILLION)
Table 6 CHINA SMART CITIES MARKET BY 2018–2023 (USD BILLION) - ICT COMPONENTS
Table 7 CHINA SMART CITIES MARKET 2018–2023 (USD BILLION) - BY VERTICALS
Table 8 SMART INFRASTRUCTURE MARKET 2018–2023 (USD BILLION)
Table 9 SMART TRANSPORTATION MARKET 2018–2023 (USD BILLION)
Table 10 SMART TRANSPORTATION MARKET BY USE CASES
Table 11 VIDEO MARKET 2018–2023 (USD BILLION)
Table 12 ET CITY BRAIN CONSTRUCTION PRINCIPLES
Table 13 PARTNERSHIPS, AGREEMENTS, AND COLLABORATIONS
Table 14 MERGERS AND ACQUISITIONS
Table 15 NEW PRODUCT LAUNCHES AND INVESTMENTS

+44 20 8123 2220
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1 MARKETS COVERED
Figure 2 YEARS CONSIDERED IN THE REPORT
Figure 3 CHINA SMART CITY MARKET: RESEARCH DESIGN
Figure 4 PRIMARY SPLIT BY DESIGNATION
Figure 5 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH
Figure 6 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH
Figure 7 VENDOR ANALYSIS: CRITERIA WEIGHTAGE
Figure 8 SMART CITIES MARKET SIZING METHODOLOGY
Figure 9 PARTNER RECOMMENDATIONS
Figure 10 SMART CITIES DYNAMICS
Figure 11 TRANSPORTATION INVESTMENTS (BY MODE) (2016-2020)
Figure 12 SMART TRANSPORTATION MARKET (USD BILLION)
Figure 13 ICT MARKET OPPORTUNITY ANALYSIS IN SMART TRANSPORTATION BY SEGMENT IN 2018
Figure 14 SHARING AND RENTING MARKET ANALYSIS BY SEGMENT IN 2018
Figure 15 GO-TO MARKET ASSESSMENT
Figure 16 CHINA MEGA AND EMERGING CITIES IN 2025
Figure 17 CHINA SMART CITY INVESTMENT BY SEGMENT (2018)
Figure 18 CHINA SMART CITY INVESTMENTS, BY SECTOR, 2018
Figure 19 CHINA’S 13TH FIVE YEAR PLAN: FOCUS AREAS
Figure 20 13TH FIVE-YEAR PLAN: STRUCTURE OF TRANSPORTATION SECTOR
Figure 21 13TH FIVE-YEAR PLAN: KEY TARGETS FOR TRANSPORTATION SECTOR
Figure 22 MARKET OPPORTUNITY: INFRASTRUCTURE MODERNIZATION AND ACHIEVING HIGHER EFFICIENCIES
Figure 23 CHINA SMART CITIES MARKET 2018–2023 (USD BILLION)
Figure 24 CHINA SMART CITIES MARKET 2018–2023 (USD BILLION) - BY ICT COMPONENTS
Figure 25 CHINA SMART CITIES MARKET 2018–2023 (USD BILLION) – BY VERTICALS
Figure 26 SMART INFRASTRUCTURE MARKET 2018–2023 (USD BILLION)
Figure 27 SMART TRANSPORTATION MARKET 2018–2023 (USD BILLION)
Figure 28 VIDEO MARKET 2018–2023 (USD BILLION)
Figure 29 ET CITY BRAIN CONSTRUCTION PRINCIPLES
Figure 30 HIGHLIGHTS OF THE MASTER PLAN FOR XIONG’AN NEW AREA

+44 20 8123 2220
info@marketpublishers.com

Figure 31 SMART SHANGHAI PRIORITY FRAMEWORK
Figure 32 SMART TIANJIN : OVERVIEW
Figure 33 SMART GUANGZHOU: CONSTRUCTION MODEL
Figure 34 SMART GUANGZHOU : FOCUS AREA
Figure 35 SMART CITY ECOSYSTEM
Figure 36 SMART CITY VENDOR ECOSYSTEM
Figure 37 SMART TRANSPORTATION ECOSYSTEM
Figure 38 SMART INFRASTRUCTURE ECOSYSTEM
Figure 39 VIDEO ECOSYSTEM
Figure 40 COMPANIES ADOPTED PARTNERSHIP AND ACQUSITION AS KEY GROWTH STRATEGIES DURING THE PERIOD 2016–2018
Figure 41 MARKET EVALUATION FRAMEWORK
Figure 42 BATTLE FOR MARKET SHARE: PARTNERSHIPS, AGREEMENTS, AND COLLABORATIONS HAS BEEN THE KEY STRATEGY ADOPTED BY KEY PLAYERS IN THE SMART CITY MARKET IN CHINA
Figure 43 ADVANTECH: COMPANY SNAPSHOT
Figure 44 CRRC: COMPANY SNAPSHOT
Figure 45 HOLLYSYS: COMPANY SNAPSHOT
Figure 46 HIKVISION: COMPANY SNAPSHOT
Figure 47 DAHUA TECHNOLOGY: COMPANY SNAPSHOT

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: China Smart Cities Market by ICT Components (Hardware, Software, Services), Segments (Smart Infrastructure, Smart Transportation, Video), Market Overview, Trends, Vendor Ecosystem Analysis, and Smart Cities Initiatives - Forecast to 2023

Product link: https://marketpublishers.com/r/CC797005A34EN.html

Price: US$ 5,650.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/CC797005A34EN.html